

**ABSTRACT**

A method for altering surfaces of a microstructure is disclosed. The modification comprises cleaning the surfaces using an ozone-containing cleaning agent. The modification may also comprise coating the surfaces of the microstructure using a vapor phase coating agent that reacts chemically with the surface. The modification may also comprise coating the surfaces of the microstructure using a lubricant that interacts physically with the surface. The modification can be performed after removal of sacrificial materials of the microstructure during the fabrication process. In particular, the modification method is applicable during the packaging stage for the microstructure.